

# NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES

## CHAPTER Env-Dw 700 WATER QUALITY: STANDARDS, MONITORING, TREATMENT, COMPLIANCE, AND REPORTING

Statutory Authority: RSA 485:3

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### PART Env-Dw 708 SAMPLING SCHEDULES

#### Env-Dw 708.01 Establishment and Modification of Sampling Schedules.

(a) The department shall provide each system owner with a sampling schedule in writing upon being notified by the system that it has commenced delivering water to customers.

(b) The sampling schedule shall identify the parameters to be tested, the points at which samples are to be collected, and the frequency of sampling for that particular system, consistent with those specified in Env-Dw 708.02 through Env-Dw 708.03.

(c) The sampling schedule shall be established for each parameter for which the sample is being collected based on:

- (1) The size and type of PWS for which the sampling schedule is prepared;
- (2) The concentration of the parameter;
- (3) The variability of the parameter; and
- (4) The reliability of the treatment process.

(d) The department shall notify each PWS owner in writing of any modification(s) to the sampling schedule established pursuant to this section that are required based on a change in federal requirements adopted by the state, the concentration of regulated parameters, new well or blend of well(s), new treatment, new potential sources of contamination found in the protective radius of the well(s), or other issues such as those identified based on an inspection.

(e) If the owner of a PWS wishes to modify the sampling schedule established for the PWS, the owner shall proceed in accordance with:

- (1) Env-Dw 708.04, for changes to sampling points;
- (2) Env-Dw 708.11, for reductions in monitoring for sources not used as potable water;
- (3) Env-Dw 709, for modifications to bacteria monitoring; or
- (4) Env-Dw 710.06, for modifications to radionuclide monitoring.

Source. (See Revision Note #1) #9700, eff 5-1-10

Env-Dw 708.02 Monitoring Within A Compliance Period.

(a) Each PWS owner shall monitor for each parameter within each compliance period designated for that parameter in accordance with the system's sampling schedule established pursuant to Env-Dw 708.01.

(b) Subject to (c) and (d), below, if a PWS owner fails to submit a sample during the assigned monitoring period, the owner shall submit a sample, designated as a make-up sample, as soon as the owner discovers the failure or upon being notified of the failure by the department, whichever is earlier.

(c) If a PWS owner fails to submit an initial radionuclide sample as required in Env-Dw 710.05, the owner shall collect a sample in the quarter missed during the subsequent year.

(d) If a PWS owner fails to submit an E. coli source sample as required in Env-Dw 717, the owner shall collect a sample the month after completion of the required monthly sampling.

Source. (See Revision Note #1) #9700, eff 5-1-10

Env-Dw 708.03 Monitoring for Ground and Surface Water Systems. Unless otherwise noted, a PWS owner using a combination of groundwater and surface water shall monitor as if the source is a surface water supply.

Source. (See Revision Note #1) #9700, eff 5-1-10

Env-Dw 708.04 Sampling Points; Changes to Sampling Points.

(a) The PWS owner shall collect the required sample(s) at each sampling point designated in the sampling schedule.

(b) If a PWS owner believes that a sampling point designated in the sampling schedule is not representative of the water being distributed to persons served by the system, the owner shall submit a written request to the department for a change to the sampling point for the affected parameter(s).

(c) A request submitted pursuant to (b), above, shall include the following:

- (1) The name of the PWS;
- (2) The EPA identifier for the PWS;
- (3) The existing and proposed sampling points;
- (4) Whether the change is proposed for all parameters or less than all parameters and, if less than all, the specific parameter(s) for which the change is being requested; and
- (5) An explanation of the reason for the request.

(d) The department shall approve the new sampling point(s) if the department determines that:

- (1) The proposed sampling point(s) is/are at least as representative of the water being distributed to persons served by the system as the existing sampling point(s);
- (2) Changing the sampling point(s) in accordance with the request will provide an operational benefit to the system; and
- (3) The new sampling point(s) will be in compliance with all federal requirements.

Source. (See Revision Note #1) #9700, eff 5-1-10

Env-Dw 708.05 Types of Samples Collected.

(a) Composite samples shall not be allowed; rather, a PWS owner shall collect one discrete sample from each sampling point.

(b) If a PWS draws water from more than one source and the sources are combined before distribution, a sample of the combined or blended water shall be taken, if specified in the sampling schedule, to satisfy that system's chemical monitoring requirements as specified in Env-Dw 707 and Env-Dw 710 through Env-Dw 713.

(c) The department shall approve a blended sample if:

- (1) The sources are combined before entry to the distribution system;
- (2) Where there are multiple sources, the sources are operated simultaneously or automatically alternated between pump operating cycles; and
- (3) The sample is collected at the entry point to the distribution system.

Source. (See Revision Note #1) #9700, eff 5-1-10

Env-Dw 708.06 Separate Sampling Taps.

(a) Each source shall have a separate sampling tap except where conditions, such as vacuum manifold, prevent such tap installation.

(b) Where treatment is in use, separate sampling taps shall be installed prior to and after treatment.

Source. (See Revision Note #1) #9700, eff 5-1-10

Env-Dw 708.07 Averaging Results. If a confirmation sample is collected for any parameter, the results of the initial and confirmation sample shall be averaged unless otherwise specified in the parameter-specific section.

Source. (See Revision Note #1) #9700, eff 5-1-10

Env-Dw 708.08 Completion of Monitoring. The monitoring requirements for a PWS shall not be complete until all required samples(s) have been collected and analyzed, and the results received by the department, in accordance with all applicable monitoring and reporting requirements specified in Env-Ws 300 and successor rules in subtitle Env-Dw.

Source. (See Revision Note #1) #9700, eff 5-1-10

Env-Dw 708.09 Public Notice of Non-Compliance.

(a) Subject to (b), below, the PWS owner of a shall provide public notice in accordance with Env-Ws 351, Env-Ws 352, and Env-Ws 354 through Env-Ws 359, or successor rules in Env-Dw 800, if any violation occurs of any applicable MCL, MRDL, monitoring requirement, or treatment technique established in:

- (1) RSA 485;
- (2) Env-Dw 702 through Env-Dw 706;
- (3) Env-Dw 707 through Env-Dw 713;
- (4) Env-Ws 341 through Env-Ws 347 or successor rules in Env-Dw 700;
- (5) Env-Ws 381 or successor rules in Env-Dw 714; or
- (6) Env-Dw 715 through Env-Dw 717.

(b) If a PWS has a distribution system with portions that are hydraulically separate from other parts of the distribution system, the owner may request approval from the department pursuant to Env-Ws 351.06 or successor rule in Env-Dw 801.15 to limit the public notice to users of only that part of the PWS in which the applicable standard is exceeded.

Source. (See Revision Note #1) #9700, eff 5-1-10

Env-Dw 708.10 Collection of Additional Samples by the PWS Owner.

(a) A PWS owner may collect more samples than the minimum required and submit the analytical results to the department.

(b) In order for sample results submitted pursuant to (a), above, to be used for compliance calculations, the samples shall be uniformly distributed over the appropriate monitoring interval, sampling points, and sources, or the data shall otherwise be representative of the water being consumed.

Source. (See Revision Note #1) #9700, eff 5-1-10

Env-Dw 708.11 Removing a Source; Reducing Monitoring Responsibility.

(a) Subject to (b), below, a PWS owner shall comply with all monitoring requirements for a source unless and until:

- (1) The source is physically disconnected from the distribution system piping by removing at least 12 inches of piping and capping both cut ends of the remaining pipe; and
- (2) The owner has notified the department in writing that the source has been disconnected.

(b) A water system designed or intended as a public water system, where there are fewer than 15 service connections and fewer than 25 people being served, shall be subject to the minimum monitoring requirements in Env-Dw 708.12.

(c) To reduce the frequency and extent of monitoring requirements when a source has not been removed as provided in (a), above, but is not used for human consumption due to the inability of the current water supply to meet the chemical standards specified in Env-Dw 701-706, the following conditions shall be met:

- (1) The water supply to which decreased monitoring is requested shall be clearly designated and labeled for non-potable use;
- (2) The PWS owner shall comply with the minimum monitoring requirements in Env-Dw 708.12;
- (3) The PWS owner shall provide potable water from an alternative source; and
- (4) If the potable water being provided is bottled water, the source shall have been approved pursuant to Env-Dw 303 or predecessor rules in Env-Ws 389.

(d) To reactivate a source, all applicable monitoring requirements specified in Env-Dw 707 through Env-Dw 713 shall be completed prior to distributing any water from the source as potable water.

Source. (See Revision Note #1) #9700, eff 5-1-10

Env-Dw 708.12 Minimum Monitoring Requirements. Minimum monitoring shall consist of:

- (a) Quarterly bacteriological analysis in accordance with Env-Dw 709;
- (b) Annual nitrate analysis in accordance with Env-Dw 711.18 through Env-Dw 711.23; and
- (c) Nitrite analysis every 3 years in accordance with Env-Dw 711.24 through Env-Dw 711.29.

Source. (See Revision Note #1) #9700, eff 5-1-10

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## APPENDIX

<b>Rule Section(s)</b>	<b>State Statute(s) Implemented</b>	<b>Federal Regulation(s) Implemented</b>
Env-Dw 708.01 - 708.03	RSA 485:3, I	
Env-Dw 708.04 - 708.05	RSA 485:3, I	40 CFR 141.24(f)
Env-Dw 708.06 - 708.08	RSA 485:3, I	
Env-Dw 708.09	RSA 485:3, I	40 CFR 141.32
Env-Dw 708.10 - 708.11	RSA 485:3, I	
Env-Dw 708.12	RSA 485:41, I	40 CFR 141.26; 40 CFR 141.66